Flight-Testing Newton's Laws			
2005 Mathematics			
Core Curriculum			
New York Mathematics			
Grades 9-12 (Algebra)			
Activity/Lesson	**State**	**Standards**	
Session-10 (1-5)	NY	MA.9-12.A.CM.2	Use mathematical representations to communicate with appropriate accuracy, including numerical tables, formulas, functions, equations, charts, graphs, Venn diagrams, and other diagrams
Session-10 (1-5)	NY	MA.9-12.A.R.1	Use physical objects, diagrams, charts, tables, graphs, symbols, equations, or objects created using technology as representations of mathematical concepts
Session-1 (1-17)	NY	MA.9-12.A.CM.2	Use mathematical representations to communicate with appropriate accuracy, including numerical tables, formulas, functions, equations, charts, graphs, Venn diagrams, and other diagrams
Session-2 (1-10)	NY	MA.9-12.A.CM.2	Use mathematical representations to communicate with appropriate accuracy, including numerical tables, formulas, functions, equations, charts, graphs, Venn diagrams, and other diagrams
Session-2 (1-10)	NY	MA.9-12.A.R.1	Use physical objects, diagrams, charts, tables, graphs, symbols, equations, or objects created using technology as representations of mathematical concepts
Session-3 (1-6)	NY	MA.9-12.A.A.15	Find values of a variable for which an algebraic fraction is undefined
Session-4 (1-11)	NY	MA.9-12.A.R.1	Use physical objects, diagrams, charts, tables, graphs, symbols, equations, or objects created using technology as representations of mathematical concepts
Session-5 (1-6)	NY	MA.9-12.A.CM.2	Use mathematical representations to communicate with appropriate accuracy, including numerical tables, formulas, functions, equations, charts, graphs, Venn diagrams, and other diagrams
Session-6 (1-8)	NY	MA.9-12.A.CM.2	Use mathematical representations to communicate with appropriate accuracy, including numerical tables, formulas, functions, equations, charts, graphs, Venn diagrams, and other diagrams
Session-7 (1-5)	NY	MA.9-12.A.CM.2	Use mathematical representations to communicate with appropriate accuracy, including numerical tables, formulas, functions, equations, charts, graphs, Venn diagrams, and other diagrams

Session-8 (1-9)	NY	MA.9-12.A.CM.2	Use mathematical representations to communicate with appropriate accuracy, including numerical tables, formulas, functions, equations, charts, graphs, Venn diagrams, and other diagrams
Session-9 (1-7)	NY	MA.9-12.A.CM.2	Use mathematical representations to communicate with appropriate accuracy, including numerical tables, formulas, functions, equations, charts, graphs, Venn diagrams, and other diagrams
Flight-Testing Newton's Laws			
2005 Mathematics			
Core Curriculum			
New York Mathematics			
Grades 9-12 (Algebra 2 and Trigonometry)			
Activity/Lesson	**State**	**Standards**	
Session-10 (1-5)	NY	MA.9-12.A2.CM.2	Use mathematical representations to communicate with appropriate accuracy, including numerical tables, formulas, functions, equations, charts, graphs, and diagrams
Session-10 (1-5)	NY	MA.9-12.A2.R.1	Use physical objects, diagrams, charts, tables, graphs, symbols, equations, or objects created using technology as representations of mathematical concepts
Session-1 (1-17)	NY	MA.9-12.A2.CM.2	Use mathematical representations to communicate with appropriate accuracy, including numerical tables, formulas, functions, equations, charts, graphs, and diagrams
Session-2 (1-10)	NY	MA.9-12.A2.CM.2	Use mathematical representations to communicate with appropriate accuracy, including numerical tables, formulas, functions, equations, charts, graphs, and diagrams
Session-2 (1-10)	NY	MA.9-12.A2.R.1	Use physical objects, diagrams, charts, tables, graphs, symbols, equations, or objects created using technology as representations of mathematical concepts
Session-4 (1-11)	NY	MA.9-12.A2.R.1	Use physical objects, diagrams, charts, tables, graphs, symbols, equations, or objects created using technology as representations of mathematical concepts
Session-5 (1-6)	NY	MA.9-12.A2.CM.2	Use mathematical representations to communicate with appropriate accuracy, including numerical tables, formulas, functions, equations, charts, graphs, and diagrams
Session-5 (1-6)	NY	MA.9-12.A2.R.1	Use physical objects, diagrams, charts, tables, graphs, symbols, equations, or objects created using technology as representations of mathematical concepts

Session-6 (1-8)	NY	MA.9-12.A2.R.1	Use physical objects, diagrams, charts, tables, graphs, symbols, equations, or objects created using technology as representations of mathematical concepts
Session-7 (1-5)	NY	MA.9-12.A2.R.1	Use physical objects, diagrams, charts, tables, graphs, symbols, equations, or objects created using technology as representations of mathematical concepts
Session-8 (1-9)	NY	MA.9-12.A2.CM.2	Use mathematical representations to communicate with appropriate accuracy, including numerical tables, formulas, functions, equations, charts, graphs, and diagrams
Session-9 (1-7)	NY	MA.9-12.A2.CM.2	Use mathematical representations to communicate with appropriate accuracy, including numerical tables, formulas, functions, equations, charts, graphs, and diagrams